

**Field Data Collection**  
(2013 Standard Inspection)

**Company:** ExxonMobil Corporation

**Unit:** Spokane Terminal

**Pipe-to-Soil Potential Readings, Rectifiers, and Others**

**Comments:** The test point numbers are the same identifiers that Exxon uses. All readings taken with calibrated multi-meter and CSE electrode

Date	Location	Pipe (Volts) Power On	Pipe (Volts) Power Off	Casing (Volts)	Comments
10/10/2011	<u>Yellowstone Manifold Area</u>				Jim Altoff OQ for all CP tasks checked. Good until 11/1/2016 for Rectifiers and 11/1/2014 for PSPs
	Test Point #24	-1905mV			
	Test Point #25	-1809mV			
	Test Point #26	-1297mV			
	Test Point #27	-1297mV			
	Test Point #28	-1258mV			
	Test Point #29	-1229mV			
	Test Point #30	-1348mV			
	Test Point #31	-1302mV			
	Test Point #32	-1259mV			
	Test Point #33	-1271mV			
	Test Point #34	-1271mV			
	Test Point #35	-1421mV			
	Test Point #36	-455mV			TP #36 is non-jurisdictional piping
	Test Point #37	-1427mV			
	Test Point #38	-1429mV			

	Test Point #39 Test Point #40 Test Point #41 Test Point #42 Test Point #43 Test Point #44	-1656mV -1655mV -1317mV -1105mV -1355mV -1147mV			
10/12/2011	<u>Products Transfer Area</u> Test Point #1 Test Point #2 Test Point #3 Test Point #4 Test Point #5 Test Point #6 Test Point #7 Test Point #8	-1151mV -1552mV -1556mV -600mV -1534mV -1550mV -1521mV -2477mV			#4 is non-jurisdictional piping.
10/10/2011	There is only one rectifier at the terminal				It is a 3 phase rectifier The Coarse taps were set to 3, 3, 3 The Fine taps were set 6, 6, 6. 100V DC 34A shown on dials. Measured 101.4VDC and 34 VDC (50/50 Shunt)
10/10/2011	<u>Tank T-502 chime</u> South West North East	-1627mV - 2243mV -2071mV -1544mV			

10/10/2011	<u>Tank T-504 chine</u>  South West North East	-1627mV -2416mV -2395mV -2165mV			
10/10/2011	<u>Tank T-501 chine</u>  North East South West	-2177mV -1377mV -1651mV -2236mV			
10/10/2011	<u>Tank T-503 chine</u>  South East North West	-1432mV -1377mV -1906mV -1729mV			
10/10/2011	<u>Tank T-505 chine</u>  South East North West	-1991mV -2555mV -2994mV -1817mV			